10

| Processor 12 | | Medium 48 |

Memory 14

Library of Architectural Structures 16

Library of Embellishments 18

Pictures 20

Colors/Textures/Materials 22

Library of Molds 24

Shape/Cross-Section 26

Min/Max Size/Length 28

Software Program 30

Fig. 1A

Software Program   30

Software for Receiving Selection of Architechural
Structures   32

Software for Receiving Dimensions of Architechural
Structures   34

Software for Receiving Selection(s) of Embillishment(s)
36

Software for Receiving Selection(s) of Characteristics(s)
of Embellishment(s)   38

Software for Selecting Appropriate Mold(s) to Generate
Embellishment(s)   40

Software for Calculating Size/Length of Each
Embellishment   42

Software for Generating List of Materials
44
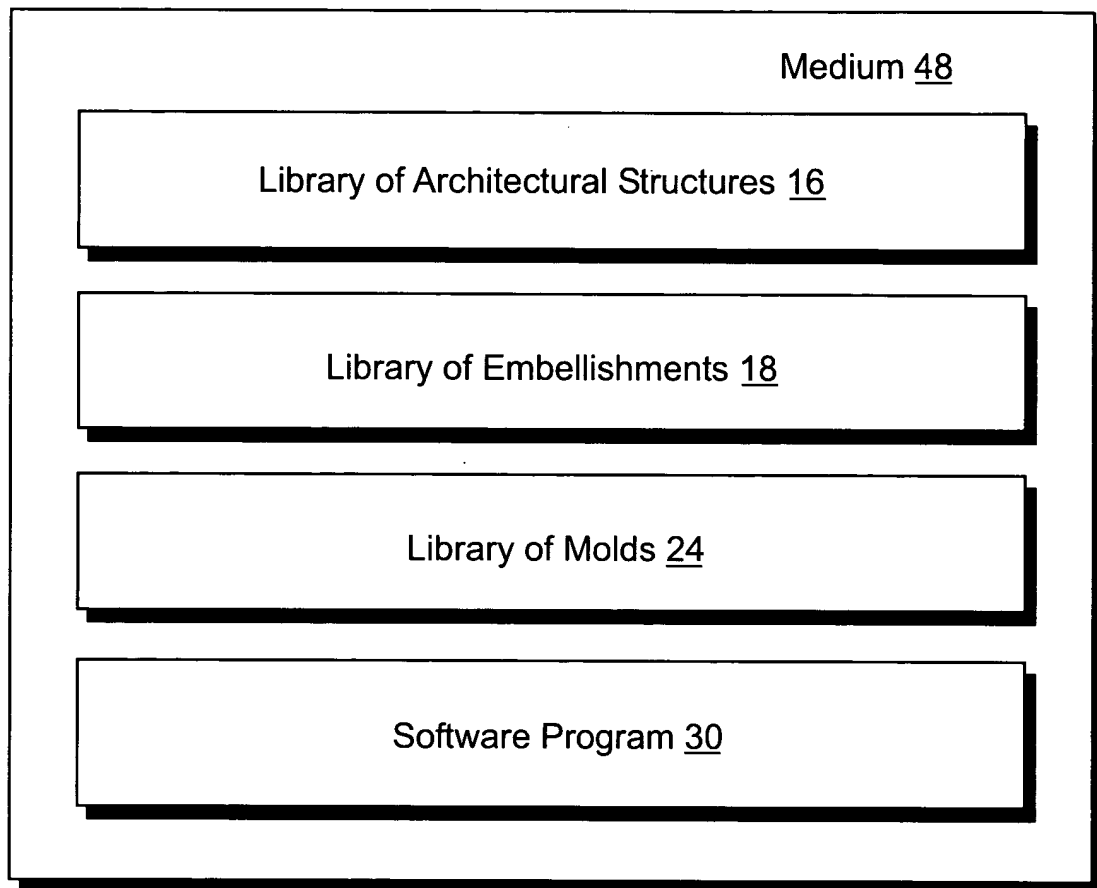
Software for Generating Shop Drawing
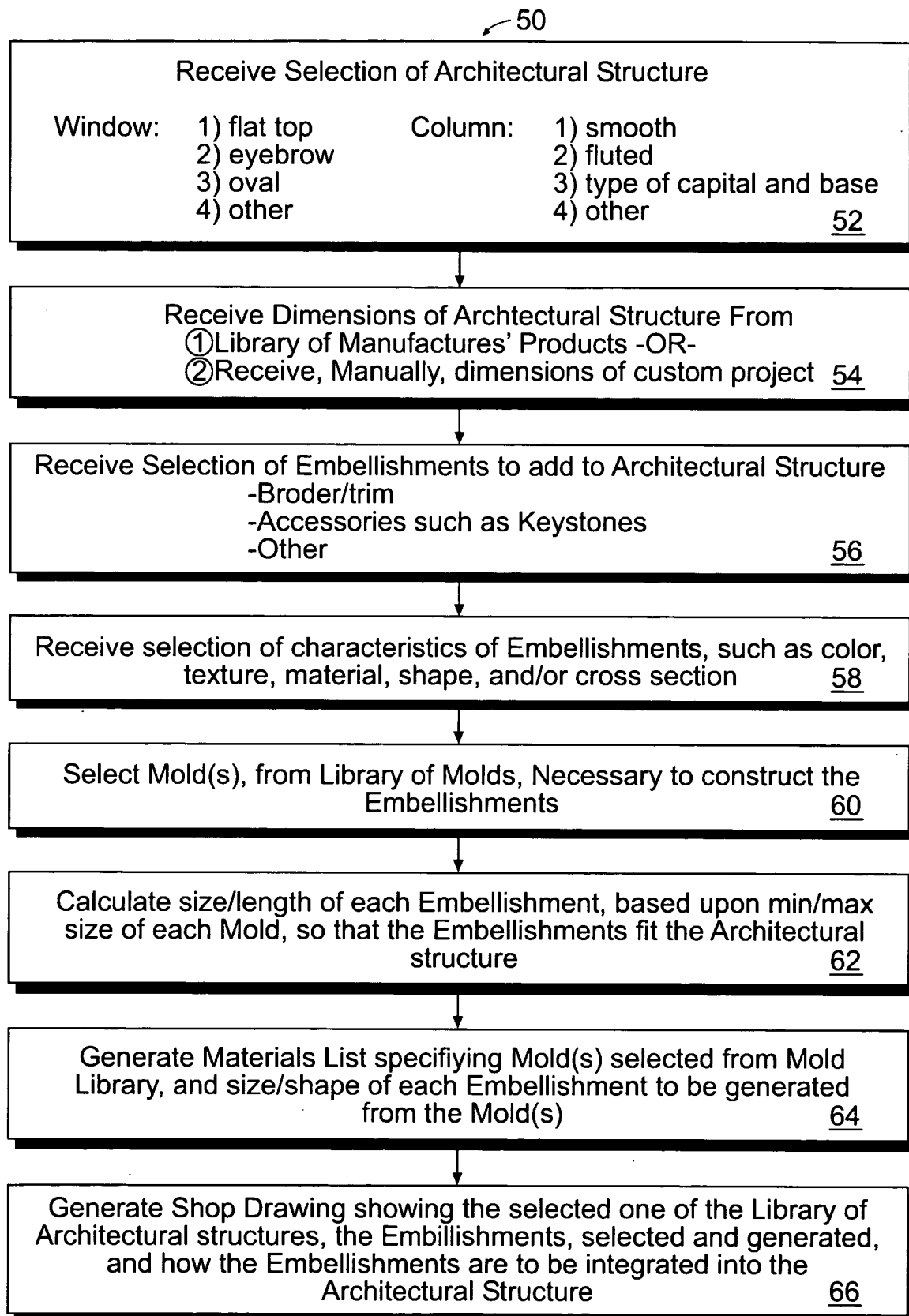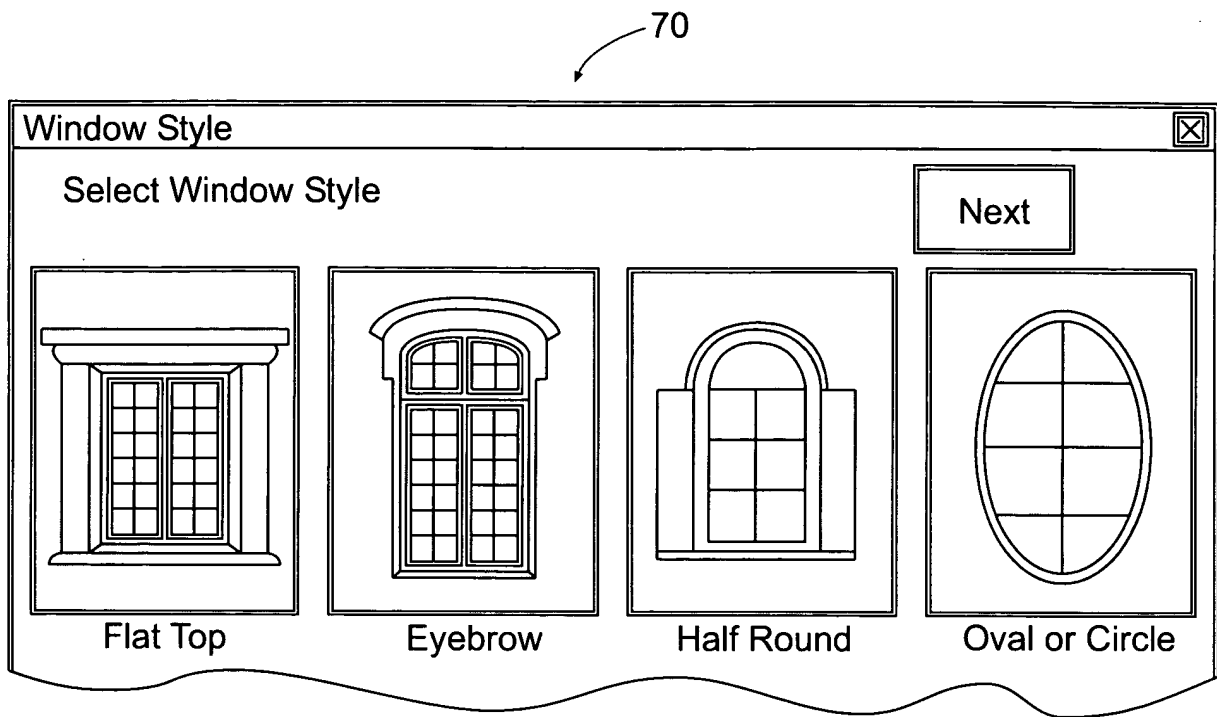46

Fig. 1B

Medium 48

Library of Architectural Structures 16

Library of Embellishments 18

Library of Molds 24

Software Program 30

Fig. 1C

~50

Receive Selection of Architectural Structure

Window: 1) flat top   Column: 1) smooth
               2) eyebrow   2) fluted
               3) oval   3) type of capital and base
               4) other   4) other   <u>52</u>

↓

Receive Dimensions of Archtectural Structure From
①Library of Manufactures' Products -OR-
②Receive, Manually, dimensions of custom project   <u>54</u>

↓

Receive Selection of Embellishments to add to Architectural Structure
-Broder/trim
-Accessories such as Keystones
-Other   <u>56</u>

↓

Receive selection of characteristics of Embellishments, such as color,
texture, material, shape, and/or cross section   <u>58</u>

↓

Select Mold(s), from Library of Molds, Necessary to construct the
Embellishments   <u>60</u>

↓

Calculate size/length of each Embellishment, based upon min/max
size of each Mold, so that the Embellishments fit the Architectural
structure   <u>62</u>

↓

Generate Materials List specifiying Mold(s) selected from Mold
Library, and size/shape of each Embellishment to be generated
from the Mold(s)   <u>64</u>

↓

Generate Shop Drawing showing the selected one of the Library of
Architectural structures, the Embillishments, selected and generated,
and how the Embellishments are to be integrated into the
Architectural Structure   <u>66</u>

Fig. 2

70

Window Style ⊠

Select Window Style

Next

| Flat Top | Eyebrow | Half Round | Oval or Circle |

Fig. 3

72

Trim Style ⊠

With Trim ◉ Yes ○ No   Back   Next

Select Trim Style

| FLAT | CL | RPM | RCSL |

Fig. 4

_74_

Window Style ☒

Trim Size Selected:

Select Trim Size:

| | ▽ |

3.00	△
3.25	
3.50	
3.75	
4.00	
4.25	
4.50	▽

[Back] [Next]

Fig. 5

_76_

Plinth Blocks ☒

With Plinth Blocks: ◉ Yes ○ No

Height: [＿＿＿＿] [0/16 ▽] inch

[Back] [Next]

Fig. 6

78

Key Style

With Key ◉ Yes ○ No | Back | | Next |

Select Key Style

| CH | FL | REC | CHBM | FLBM |

Fig. 7

80

Key Style

Key Size Selected:

Select Key Size: ▽

8
10
12
14
16

| Back | | Next |

Fig. 8

82

Sill	☒

With Sill ◉ Yes ○ No ○ Full Wrap [Back] [Next]

Select Sill Style

Sill-DL278   Sill-BNOG500   Sill-BNC500
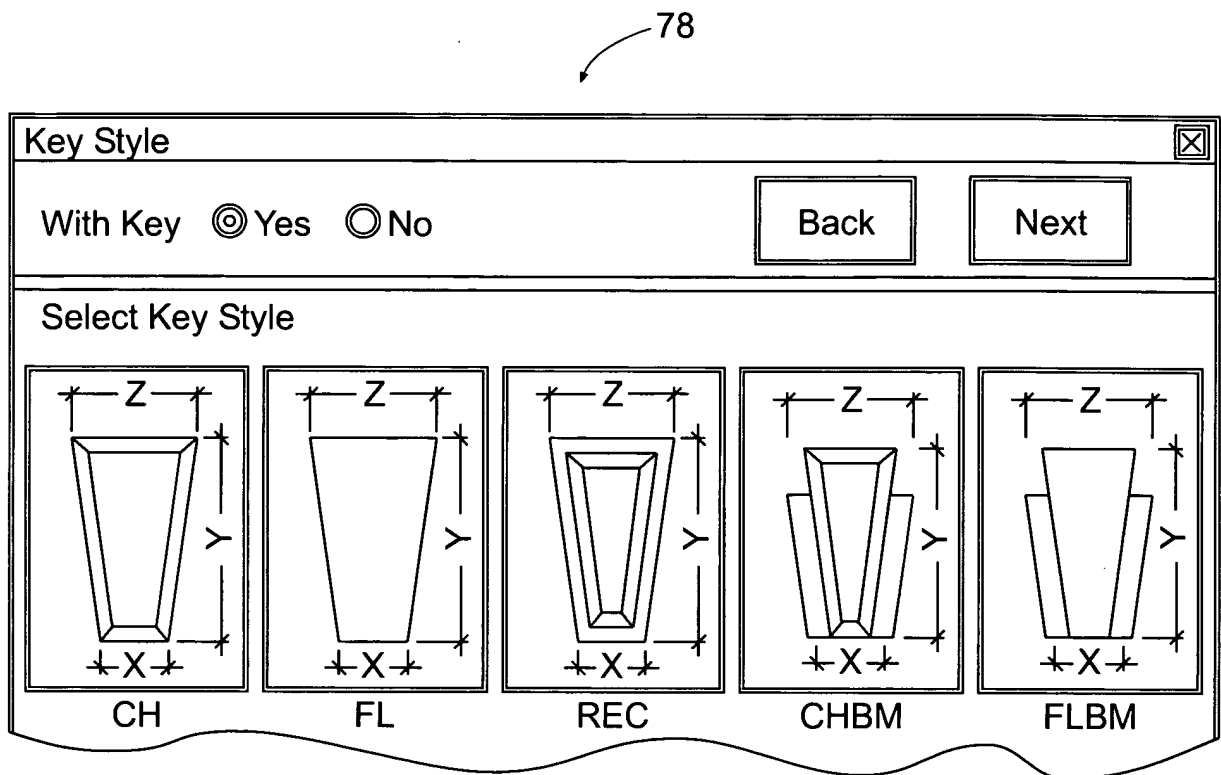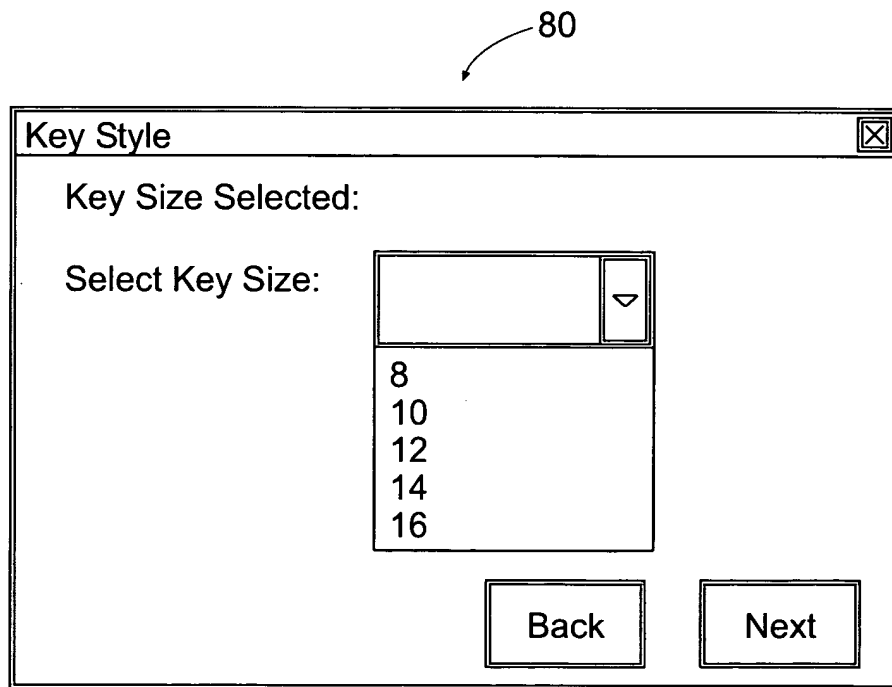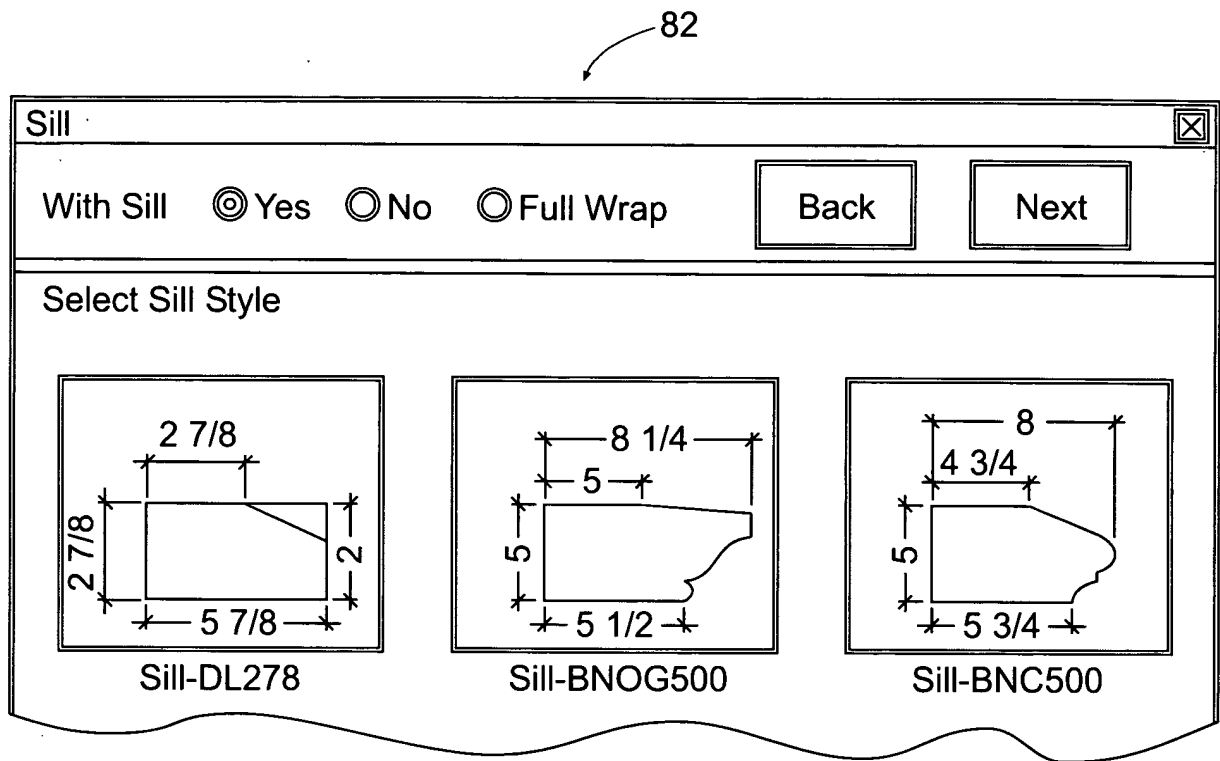
Fig. 9

84

Dimension	☒

Insert Window Dimension:

Width: [   ] [0/16 ▽] inch

Total Height: [   ] [0/16 ▽] inch

Leg: [   ] [0/16 ▽] inch

[Back] [Next]

Fig. 10

84A

Library of Window Products ☒

85A Manufacturer's
Name: ▽

85B Model Numbers: ▽

Back   Next

Library of Architectural Structures

Manufacture's Name:	Model Number:	Dimensions:
.		

85A   85B   85C

Fig. 10A

_86_

Quantity	⊠

Insert Window Quantity:

Quantity: [1]

Color: [Unspecified ▽]

Finish: [Smooth ▽]

Smooth
Light Pitted Distressed
Heavy Pitted Distressed
Install: Light Acid Wash
Heavy Acid Wash
Sand Blasted
Construction: Antiqued

[Back] [Next]

Fig. 11

SILL-BNC375   TRIM- RPM600   PLINTH BLOCK- PL - RPM600

Total inches per window:
187 1/2 inches
Trims:139 1/2 inches
Sills:48 inches

SILL- SILL-BNC375
A1: 1PC 23 7/8 LBRTN
A2: 1PC 23 7/8 RBRTN

LEGS- RPM600
A3: 2PC 19 11/16 STR
A4: 1PC 19 11/16 RSSM
A5: 1PC 19 11/16 LSSM

PLINTH BLOCK- PL - RPM600
A3: 2PC 6 Tall

ARCH- RPM600
A6,A7,A8,A9: 4 ARCH PCS
CHORD: 36
RADIUS: 24 1/4
RISE: 8

KEYSTONE- CHBM8
A10: 1 PC

A10

A8 A7

A9 A6

A4 A5

A3 A3

A1 A2

COLOR& FINISH:	UNSPECIFIED SMOOTH	
MATERIAL: CASTSTONE	INSTALL:	

Fig. 12

90

Select Shaft Style ⊠

Select Column Shaft Style

Next

SS
SMOOTH
STRAIGHT

ST
SMOOTH
TAPERED

FT
FLUTED
TAPERED

SR
SPIRAL
W / ROPE
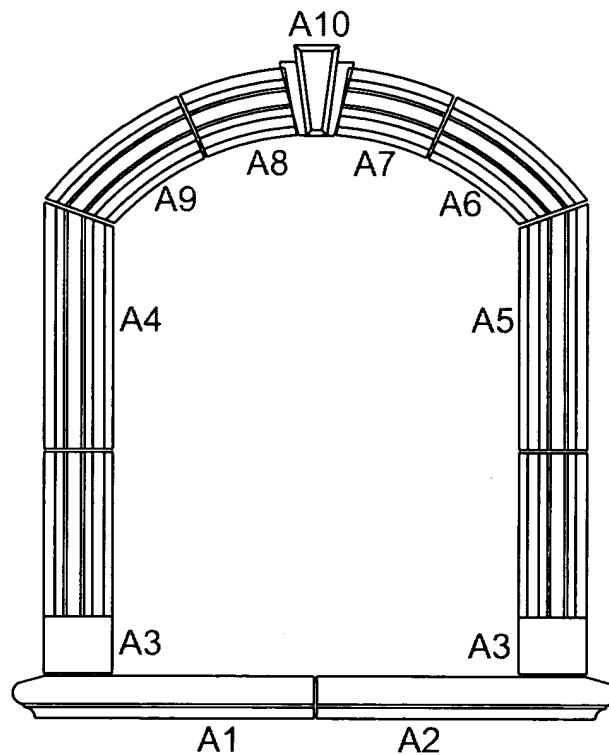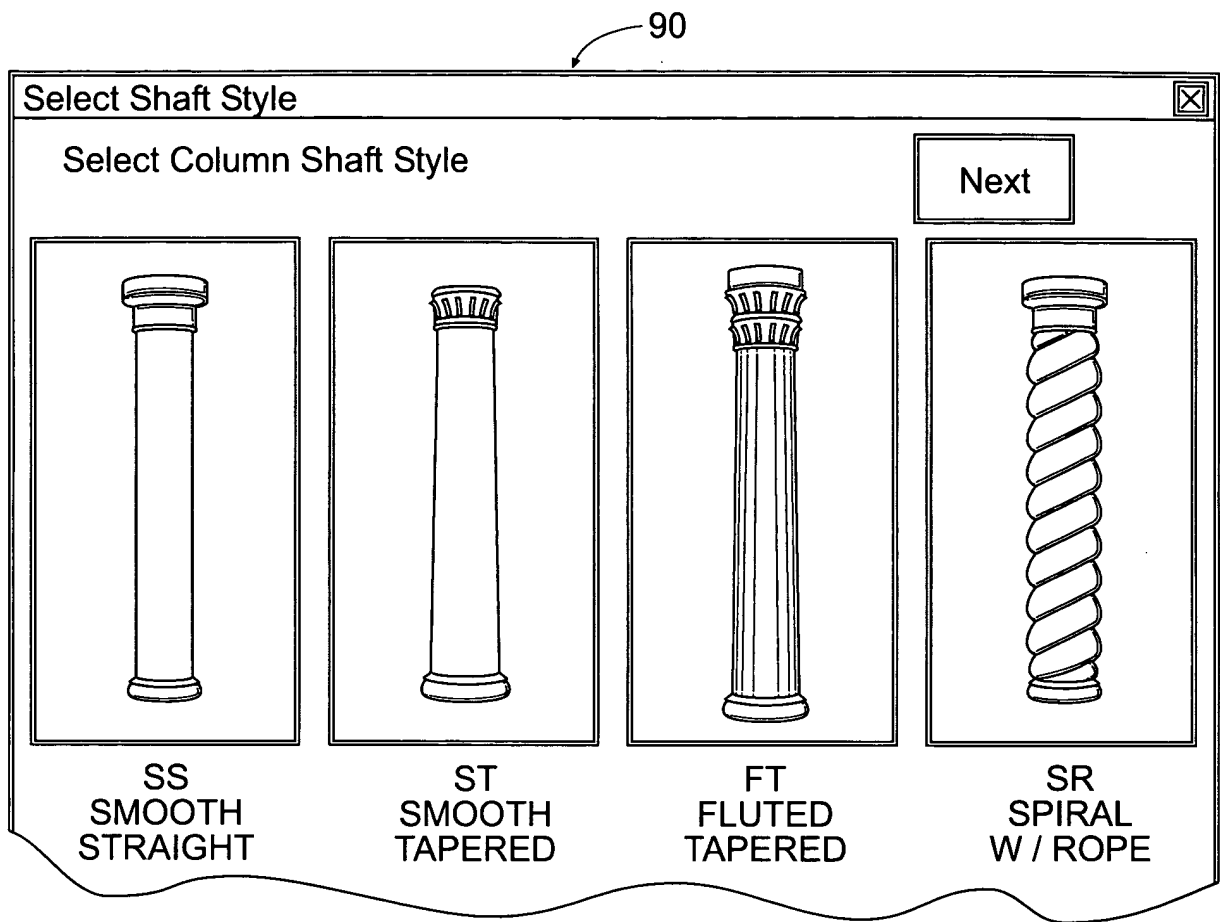
Fig. 13

92

Column Dimension ⊠

Insert Column Dimension:

Base Diameter: [   ] [0/16 ▽] inch

Total Height: [   ] [0/16 ▽] inch

Back   Next

Fig. 14

94

Base ⊠

Select Base Style: Back   Next

DORIC   TUSCAN

Fig. 15

96

Base ⊠

Select Base: Back   Next

2 1/2
12
6
17

DB1200D-1

1 7/16
12
8 3/8
14 7/8

DB1200D-2

Fig. 16

98

Capital ☒

Select Capital Style: Back | Next

DORIC

TUSCAN

Fig. 17

100

Capital ☒

Select Capital: Back | Next

16 9/16
6 3/4
12

TC1200D-1

17 3/8
12
12

TC1200D-2
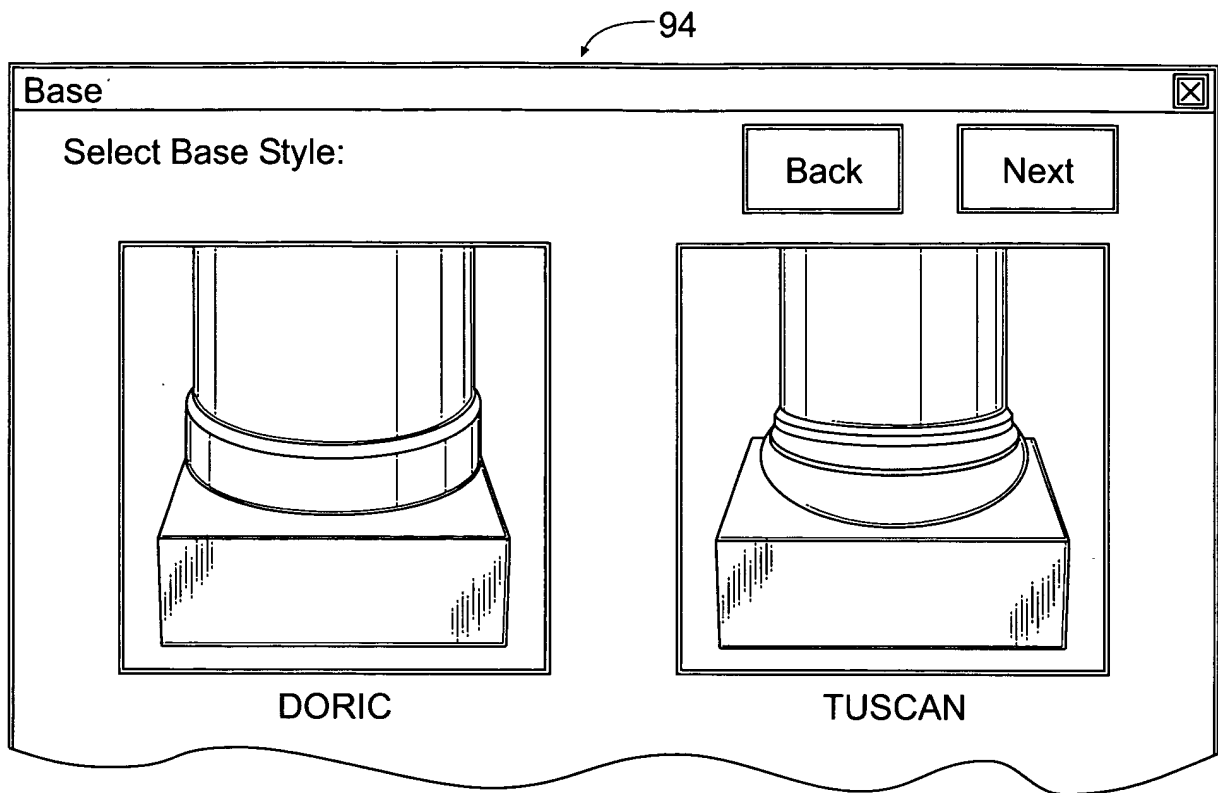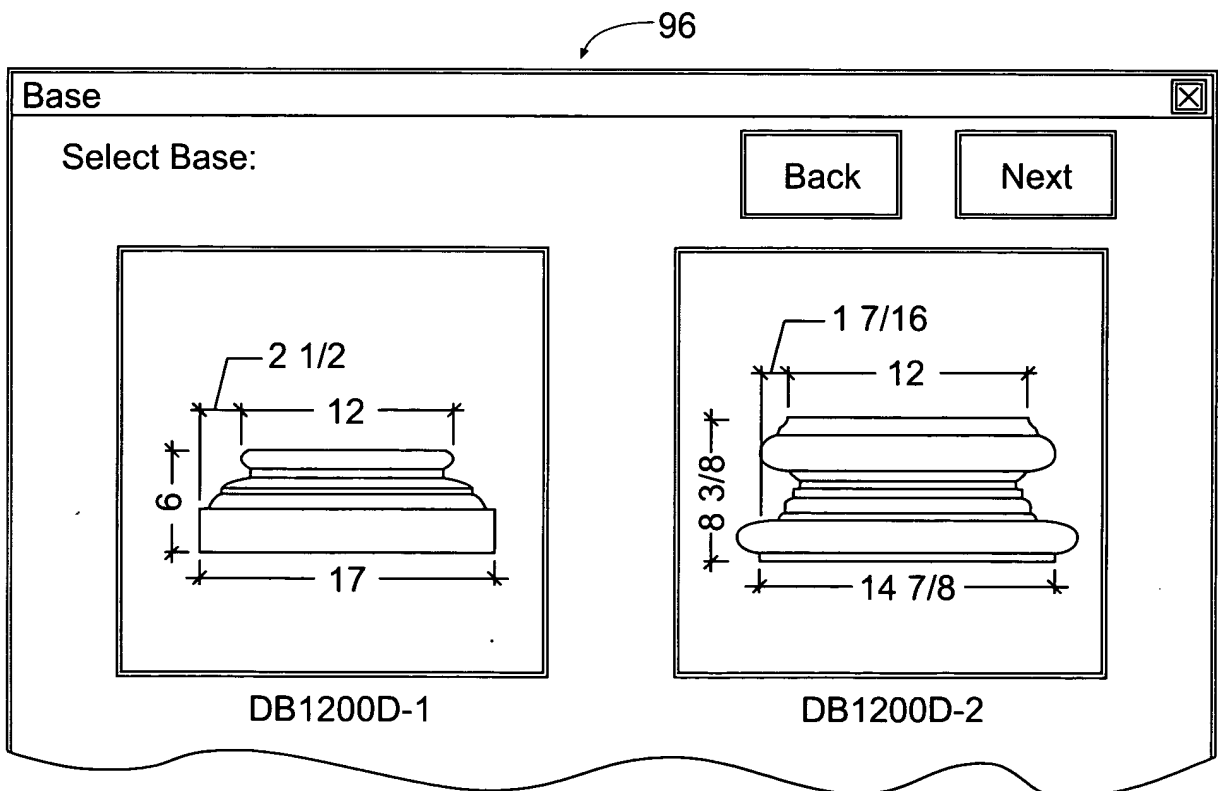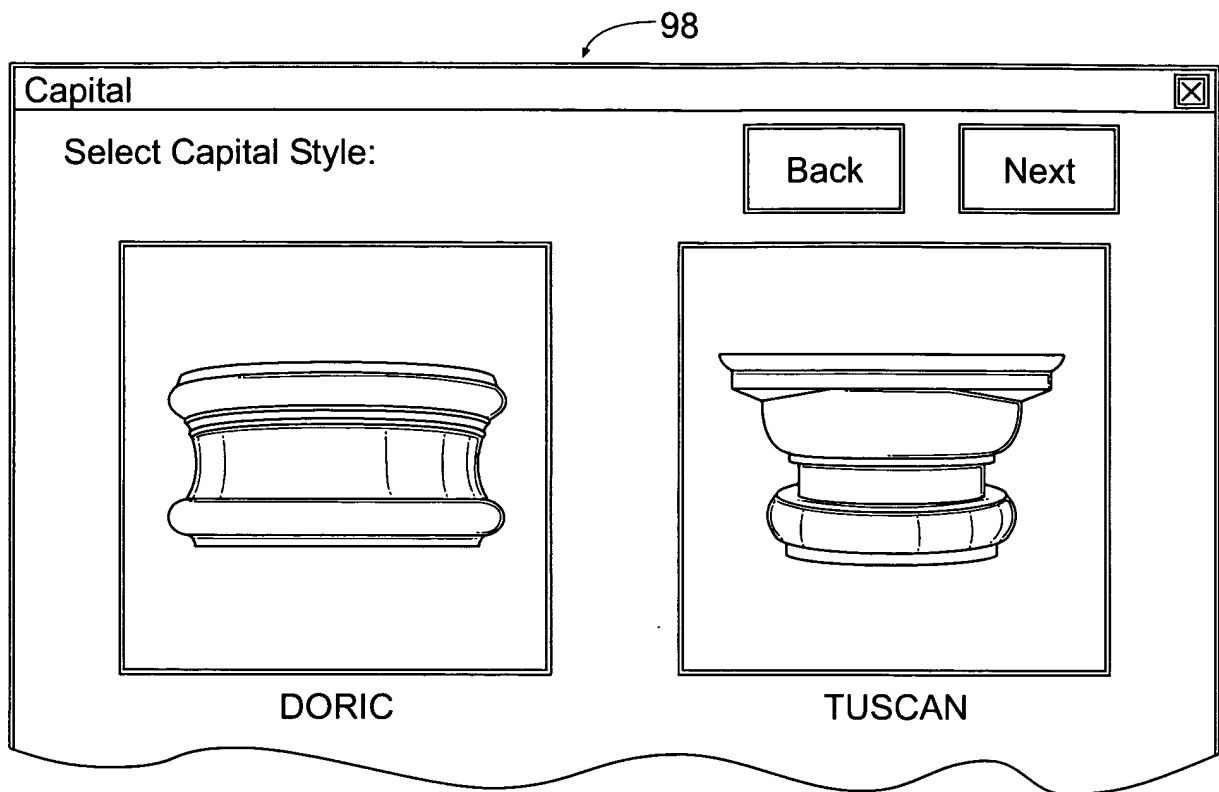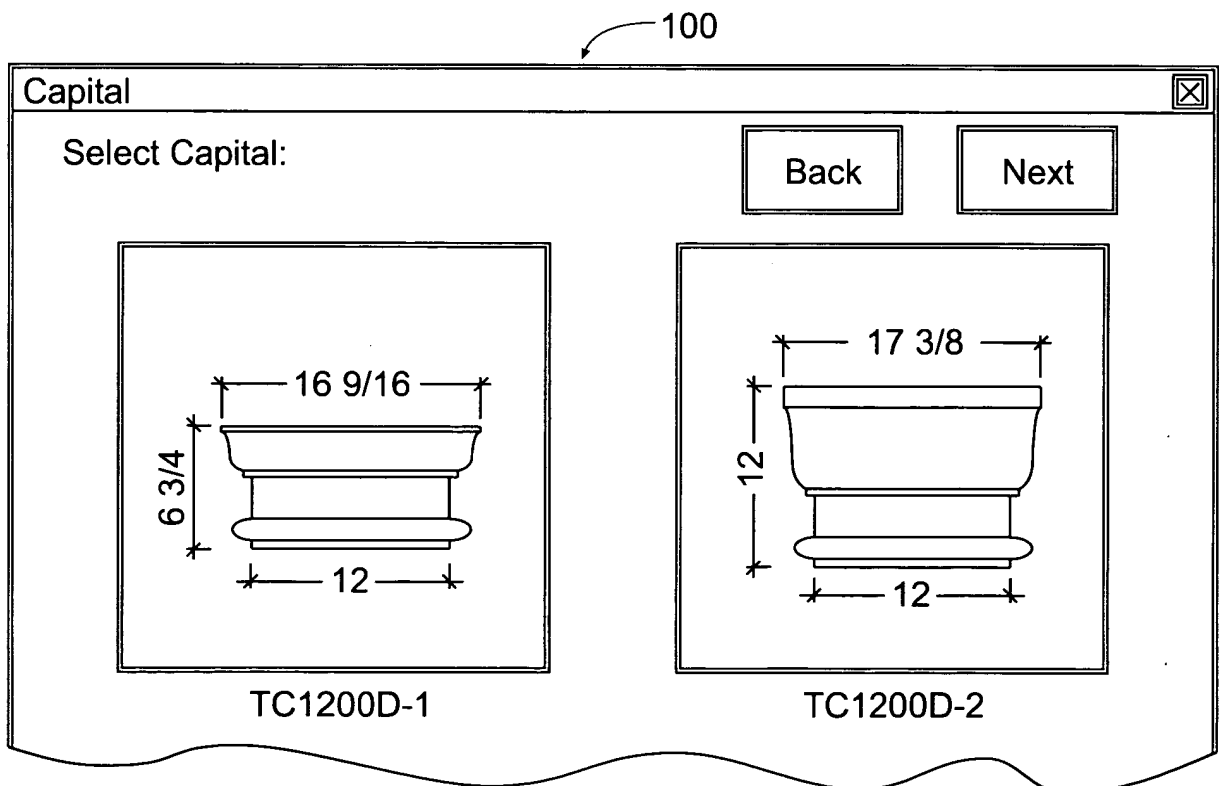
Fig. 18

102

Quantity ☒

Insert Column Quantity:

Quantity:　　　[1]

Type:　　　　[FULL　　　　　▽]

With Flat Base:[Yes　　　　　▽]

Flat Base
Height:　　　[　　　　] [0/16　▽] inch

Color:　　　　[Unspecified　　▽]

Material:　　[CASTSTONE　　▽]

Finish:　　　[Smooth　　　　▽]
　　　　　　　Smooth
　　　　　　　Light Pitted Distressed
　　　　　　　Heavy Pitted Distressed
Install:　　　Light Acid Wash
　　　　　　　Heavy Acid Wash
　　　　　　　Sand Blasted
　　　　　　　Antiqued

[Back]　[Next]

Fig. 19
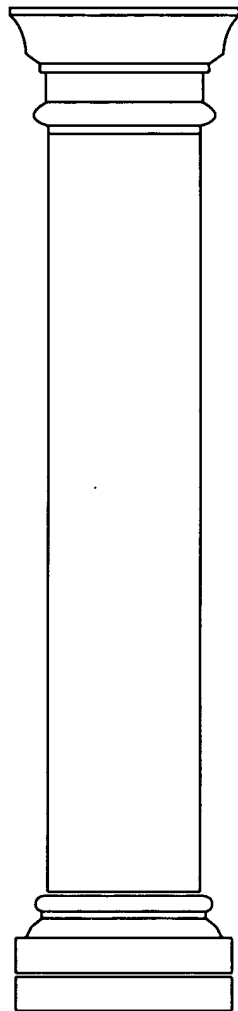
COLUMN

TUSCAN CAPITAL:
TC1200D-2 2 HALVES
12 DIAM X 6 3/4 TALL

SMOOTH STRAIGHT BASE SHAFT:
SS1200 2 HALVES

DORIC BASE:
DB1200d-1 2 HALVES
12 DIAM X 6 TALL X 17 BM

Flat Base 2 HALVES
17 LONG X 8 3/8 WIDE X 4 TALL

CUSTOMER:
COLOR: Unspecified
QUANTITY: 1
TYPE: FULL
MATERIAL: CASTSTONE

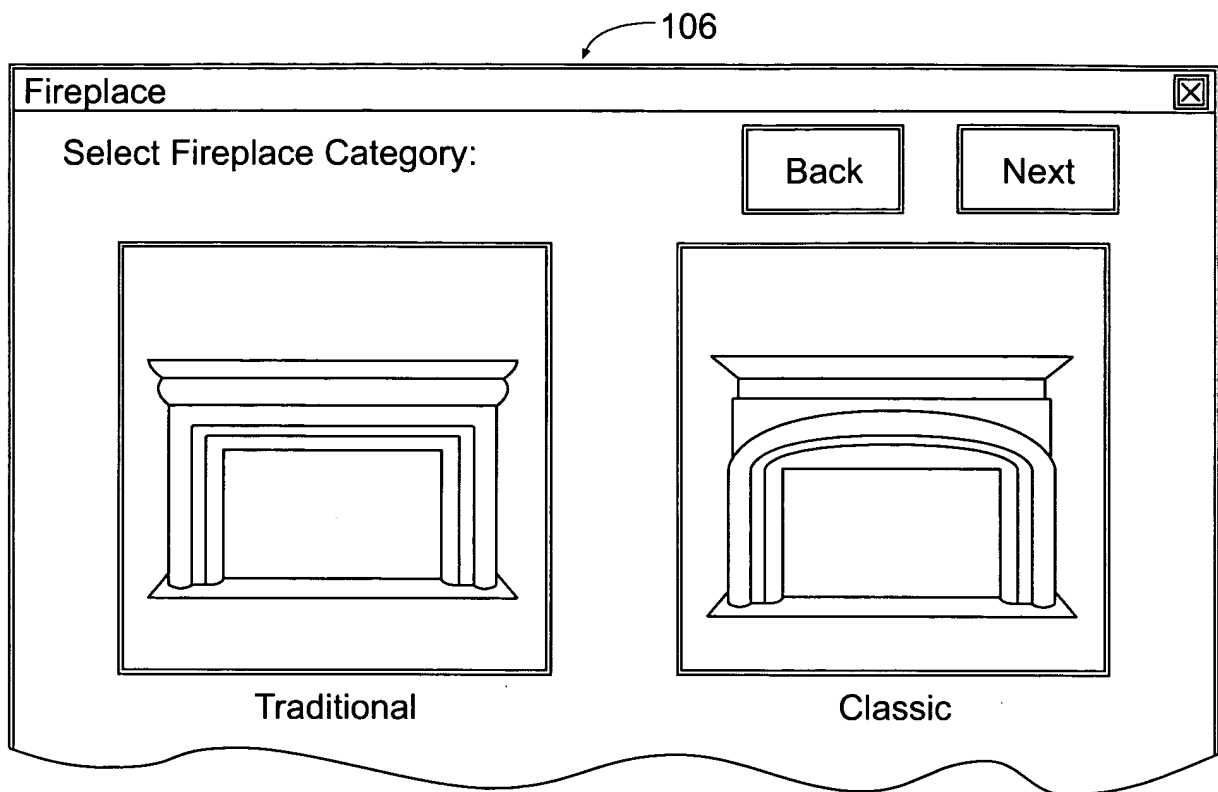| COLOR& FINISH: UNSPECIFIED SMOOTH	
MATERIAL: CASTSTONE	INSTALL:

Fig. 20

106

Fireplace ☒

Select Fireplace Category:

Back   Next

Traditional   Classic

Fig. 21

108

Fireplace Style ☒

Select Fireplace Style:

Back   Next

FP-4   FP-5
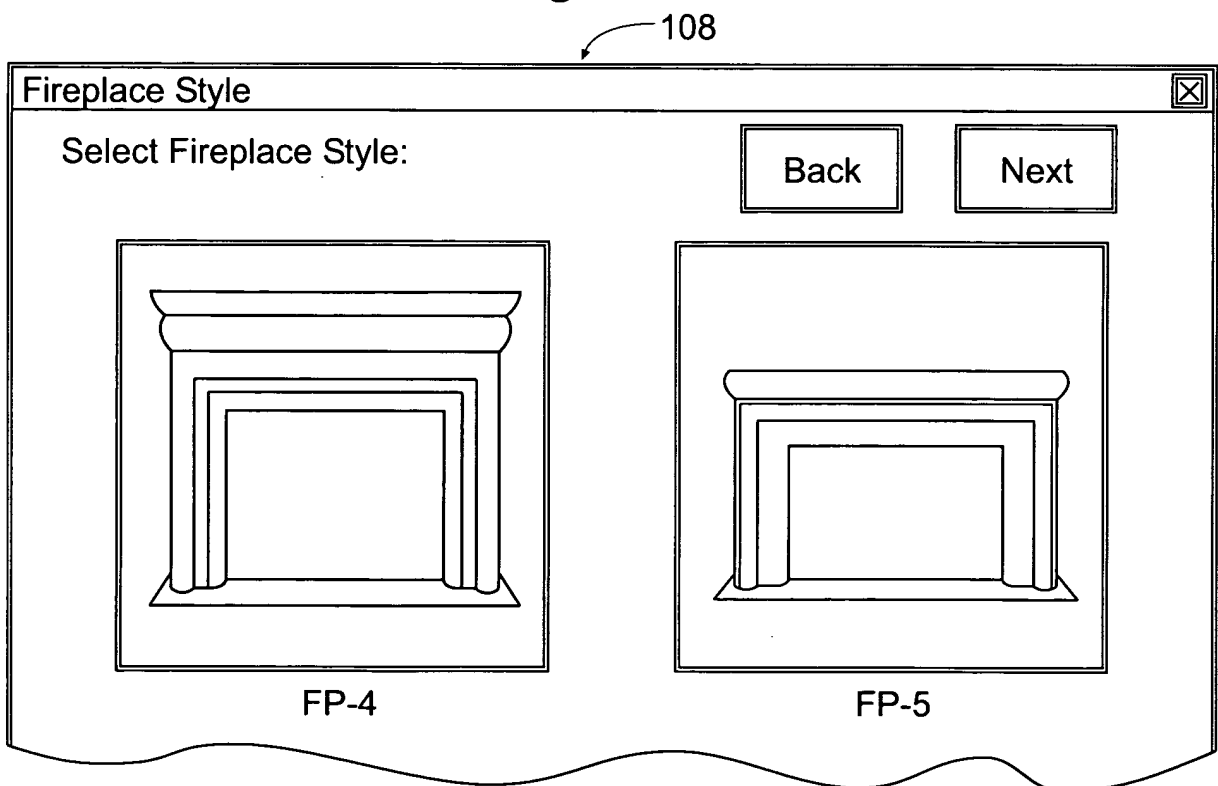
Fig. 22

Fire Box Dimension

Enter Fire Box Dimension: Or Select a Standard Fire Place:

Part NO.	Box Width	Box Height
○ FP-4A	36	40
○ FP-4B	40	40
○ FP-4C	42	40
○ FP-4D	48	40
○		
○		
○		
○		
○		

Fire Box Width:
Adjustable to any Size

[   ] [0/16 ▷] inch

Fire Box Height:
Adjustable to any Size

[   ] [0/16 ▷] inch

[Back]   [Next]

110

Fig. 23

Lay Out   ☒

Insert Lay Out Restrictions, if any:

optional
[   ] inch

optional   optional
[   ] inch   [   ] inch

FireBox

Back   Next

Fig. 24

Hearth Configuration   ☒

With Hearth   ◉ Yes   ○ No   Back   Next

Hearth Depth: [20   ]   [0/16 ▽] inch

Hearth Thickness: [3   ]   [0/16 ▽] inch

Hearth Edge: ○ Flat   ◉ Round

Hearth Position: ◉ Above Ground   ○ Underground

Hearth Extension: [3   ]   [0/16 ▽] inch

Fig. 25

Height of Firebox ☒

Height of Firebox
above Floor Line: [　　　　　] [0/16 ▽] inch

[Back] [Next]

Fig. 26

Configuration ☒

Filler Configuration: [Back] [Next]

Without Top Filler and Side Fillers,

The Mantel Width (Shelf width) will be: [　　　　　] inches

The Mantel Height (from floor to shelf) will be: [　　　　　] inches

You selected a standard firebox with the width of [　　　　　] inches

Do you want to extend the mantel width to
another standard Firebox by adding side fillers? ○ Yes ◎ No

Select a standard box width: [42 ▽] inches

Do you want to extend the mantel height by
adding top filler? ○ Yes ◎ No

Mantel height you want to be:
From floor to shelf [　　　　　] [0/16 ▽] inch

Fig. 27

120

Quantity	⊠

Insert Fireplace Quantity:

Quantity: [1]

Color: [Unspecified ▽]

Finish: [Smooth ▽]

Smooth
Light Pitted Distressed
Heavy Pitted Distressed
Material: Light Acid Wash
Heavy Acid Wash
Sand Blasted
Install: Antiqued

[Back] [Next]

Fig. 28
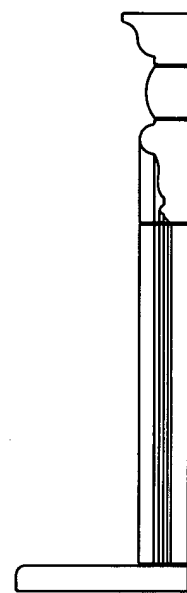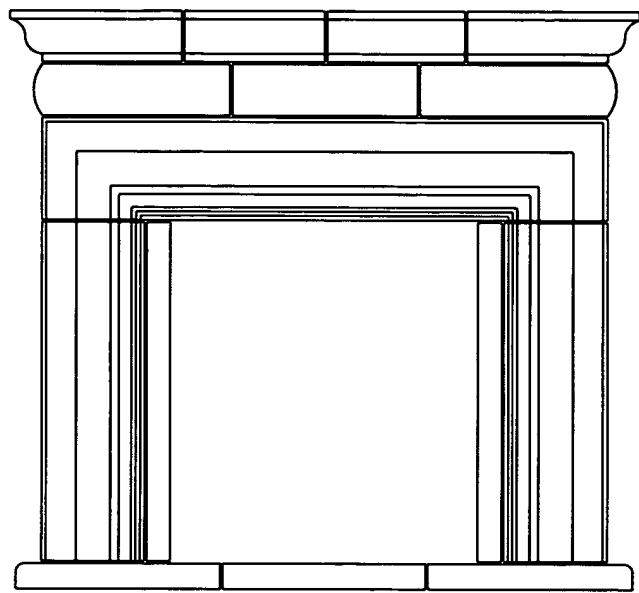
SECTION
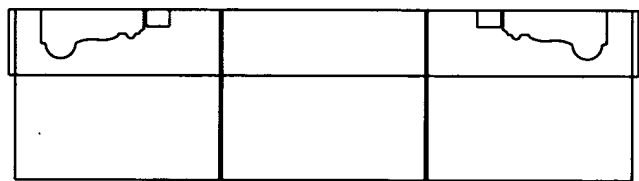
PLAN VIEW   FP-4A

COLOR& FINISH:	UNSPECIFIED SMOOTH	
MATERIAL: CASTSTONE	INSTALL:	

Fig. 29